Amendments to the Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1-25. (canceled)

26. (**currently amended**) A semiconductor storage apparatus for realizing information indication, comprising

a **self-contained rechargeable** power source module providing power to the semiconductor storage apparatus independently;

a controller module having a firmware for realizing the information indication and data access;

an interface module,

a semiconductor storage medium module having a indication information storage region for storing indication information; and

an information indication module, **for indicating the indication information stored in the indication information storage region**, wherein the control module, the interface module, the semiconductor storage medium module, and the information indication module are electrically connected to each other.

27. (previously presented) The semiconductor storage apparatus of claim 26, wherein the firmware supports a password verification of the indication information storage region.

28. (previously presented) The semiconductor storage apparatus of claim 26, wherein the indication information storage region is provided with an independent or universal encryption/decryption module, and the encryption/decryption module encrypts the data to be stored in the indication information storage region, and decrypts the data read from the indication information storage region.

29. (original) The semiconductor storage apparatus of claim 26, wherein the interface module is one of a USB interface, IEEE1394 interface, Bluetooth interface, IrDA infrared interface, HomeRF interface, IEEE802.11a interface, IEEE802.11b interface, wire wide area/local area network interface, and wireless wide area/local area network interface.

30. (original) The semiconductor storage apparatus of claim 26, wherein the medium used by the semiconductor storage medium module is one of a flash memory, DRAM, EEPROM, SRAM, FRAM, MRAM and MILLIPEDE.

31. (previously presented) The semiconductor storage apparatus of claim 26, wherein the information indication module comprises at least one of a display component, an acoustic component and a vibration component.

32. (original) The semiconductor storage apparatus of claim 31, wherein the display component is one of a liquid crystal display, light-emitting diode matrix display, field

emission display and organic-electroluminescence (OEL) display; and the acoustic generating component is one of a speaker, buzzer and crystal acoustic generator.

33. (original) The semiconductor storage apparatus of claim 26, wherein the power source module further comprising:

at least one of a voltage adapter circuit; and

a self-contained power source having a power control switch, wherein the self-contained power source is one of a PV cell, a primary cell and a rechargeable cell.

34. (previously presented) The semiconductor storage apparatus of claim 26, further comprising a manual control component for setting the information indication, wherein the manual control component is used to perform the manual control of the information indication.

35. (**currently amended**) A method for realizing information indication in a semiconductor storage apparatus comprising a power source module providing power to the semiconductor storage apparatus; a controller module having a firmware for realizing the information indication and data access; an interface module; a semiconductor storage medium module having a indication information storage region for storing indication information; and an information indication module, wherein the control module, the interface module, the semiconductor storage medium module, and the information indication module are electrically connected to each other, the method comprising:

performing data access operation of the indication information storage region and the information indication;

verifying a password of the indication information storage region according to a predetermined setting, and

after the step of verifying the password, obtaining a necessary indication information from the indication information storage region; and

controlling the information indication module to indicating the information based on ~~the content of~~ the obtained indication information.

36. (previously presented) A method for realizing information indication of claim 35, further comprising the step of writing the necessary indication information into the indication information storage region after verifying the password.

37. (previously presented) A method for realizing information indication of claim 35 wherein an operational mode of the information indication module and the indication information stored in the indication information storage region is defined and modified by an information indication storage region setting software running in the data processing system.

38. (previously presented) A method for realizing information indication of claim 35, wherein the indication information comprises static information and dynamic information, wherein the static information comprises the user's information, device information and storage information.

39. (previously presented) A method for realizing information indication of claim 36, wherein the indication information comprises static information and dynamic information, wherein the static information comprises the user's information, device information and storage information.

40. (previously presented) A method for realizing information indication of claim 37, wherein the indication information comprises static information and dynamic information, wherein the static information comprises the user's information, device information and storage information.

41. (previously presented) A method for realizing information indication claim 35, further comprising the steps of encrypting the data to be stored in the indication information storage region, and decrypting the data read from the indication information storage region by an independent or universal encryption/decryption module provided in the indication information storage region.